Paediatric and Perinatal Epidemiology 1990, 4, 486–487

Paediatric and Perinatal Epidemiology

Author Index to Volume 4

Adams M.M., 325
Aden A.S., 340
Alexander G.R., 133
Alvarez-Dardet C., 196
Ansell P.E., 448
Backett M., 480
Bakketeig L.S., 236
Baras M., 184
Barker D.J.P., 64, 464
Barker W., 471
Barros F.C., 205
Belmaker E., 184
Bennett V., 448
Beresford S.A.A., 161
Binney V.M., 39
Bozkaya H., 264
Brand R., 22, 221
Brannstrom I., 340
Broughton D.D., 458
Bulterys M., 175
Burge S., 448
Cameron A.H., 276, 484
Candy S., 422
Carson P.H.M., 464
Cartlidge P., 38
Caulfield L.E., 436
Chinn S., 156
Christensen K., 269
Coggon D., 464
Colomer C., 196
Colomer J., 196
Comfort M., 133
Corder E.H., 458
Crost M., 408
d'Espaignet E.T., 422
Daling J.R., 147
Delgado H., 436
Donat F., 196
Donat J., 196
Dragonas T., 247
Dwyer T., 422
Fabris C., 243
Farrow A., 238
Fergusson D.M., 53
Fernandez-Delgado R., 196
Ferraris S., 243
Ford R.P.K., 39
Forman D., 448
Fortney J., 184
Furtun E.M., 264
Gaffin J., 6, 131, 258, 406
Garzena E., 243
Gordon L., 184
Goss B.D., 448
Guess H.A., 458
Gutierrez D., 196
Hall A.J., 64
Hall M.H., 123
Harlap S., 184
Hauge M., 269
Hill J.P., 484
Himes J.H., 436
Homer C.J., 161
Horwood L.J., 53
Hulsey T.C., 133
Ingram L.C., 276
Jaffe B., 184
James D.K., 421
James S.A., 161
James W.H., 113
Jubert A., 196
Kaminski M., 369
Karagas M.R., 147
Kasthuri N., 276
Keeling J., 262, 476
Keirse M.J.N.C., 22
Kibel M.A., 371
Kleinman J.C., 373
Kock K., 269
Kramer M.S., 381
Kraus J.F., 175
Lambert M.D., 290
Lasiende O.O., 71
Lawton D., 64
Lelong N., 408
Leviton A., 367
Levkoff A., 133
Licata D., 243
Little R.E., 290
Madsen C.M., 269
Magidor S., 184
Mahomed K., 71
Malcontent, 4, 129, 255, 402
Mann J.R., 276, 484
Mann J.S., 464
Margetts B., 464
Marlow N., 21
Martorell R., 436
McCarthy B.J., 325
Melton L.J., III., 458
Mocan H., 264
Mocan M.Z., 264
Morris B., 39
Mostert M., 243
Muir K.R., 276, 484
Naeye R.L., 12
Nelson E.A.S., 39

Paediatric and Perinatal Epidemiology 1990, 4, 486–487

Paediatric and Perinatal Epidemiology

Author Index to Volume 4

Adams M.M., 325
Aden A.S., 340
Alexander G.R., 133
Alvarez-Dardet C., 196
Ansell P.E., 448
Backett M., 480
Bakketeig L.S., 236
Baras M., 184
Barker D.J.P., 64, 464
Barker W., 471
Barros F.C., 205
Belmaker E., 184
Bennett V., 448
Beresford S.A.A., 161
Binney V.M., 39
Bozkaya H., 264
Brand R., 22, 221
Brannstrom I., 340
Broughton D.D., 458
Bulterys M., 175
Burge S., 448
Cameron A.H., 276, 484
Candy S., 422
Carson P.H.M., 464
Cartlidge P., 38
Caulfield L.E., 436
Chinn S., 156
Christensen K., 269
Coggon D., 464
Colomer C., 196
Colomer J., 196
Comfort M., 133
Corder E.H., 458
Crost M., 408
d'Espaignet E.T., 422
Daling J.R., 147
Delgado H., 436
Donat F., 196
Donat J., 196
Dragonas T., 247
Dwyer T., 422
Fabris C., 243
Farrow A., 238
Fergusson D.M., 53
Fernandez-Delgado R., 196
Ferraris S., 243
Ford R.P.K., 39
Forman D., 448
Fortney J., 184
Furtun E.M., 264
Gaffin J., 6, 131, 258, 406
Garzena E., 243
Gordon L., 184
Goss B.D., 448
Guess H.A., 458
Gutierrez D., 196
Hall A.J., 64
Hall M.H., 123
Harlap S., 184
Hauge M., 269
Hill J.P., 484
Himes J.H., 436
Homer C.J., 161
Horwood L.J., 53
Hulsey T.C., 133
Ingram L.C., 276
Jaffe B., 184
James D.K., 421
James S.A., 161
James W.H., 113
Jubert A., 196
Kaminski M., 369
Karagas M.R., 147
Kasthuri N., 276
Keeling J., 262, 476
Keirse M.J.N.C., 22
Kibel M.A., 371
Kleinman J.C., 373
Kock K., 269
Kramer M.S., 381
Kraus J.F., 175
Lambert M.D., 290
Lasiende O.O., 71
Lawton D., 64
Lelong N., 408
Leviton A., 367
Levkoff A., 133
Licata D., 243
Little R.E., 290
Madsen C.M., 269
Magidor S., 184
Mahomed K., 71
Malcontent, 4, 129, 255, 402
Mann J.R., 276, 484
Mann J.S., 464
Margetts B., 464
Marlow N., 21
Martorell R., 436
McCarthy B.J., 325
Melton L.J., III., 458
Mocan H., 264
Mocan M.Z., 264
Morris B., 39
Mostert M., 243
Muir K.R., 276, 484
Naeye R.L., 12
Nelson E.A.S., 39

Newman N.M., 422
Nolasco A., 196
Oates R.K., 351
Oechsli F.W., 8
Oldroyd K.G., 464
Oyen N., 175
Paneth N., 261
Parkes S.E., 276, 484
Parkin D.M., 303
Persson L.A., 340
Pharoah P., 241, 363
Pincott J.R., 276
Plunkett A., 351
Ponsonby A.-L., 422
Power M., 371
Price C.E., 156
Raafat F., 276
Rhodes P.H., 325
Rona R.J., 156
Ryan T.J., 448
Samms-Vaughan M., 480
Shannon F.T., 53
Shye D., 184
Siegel E., 161
Silva P.A., 76
Smeriglio V.L., 133
Stark O., 470
Stiller C.A., 303
Swerdlow A.J., 448
Taylor B.J., 39
Trippel S.J., 458
Tursz A., 408
Van Den Eeden S.K., 147
Vaughan J.P., 205
Vaughan T.L., 147
Verity C.M., 260
Victora C.G., 205
von Schirnding Y., 108
Wagner M.G., 361
Wall S., 340
Waters K., 289, 364
Weil W.B. Jr., 404
Welty T.K., 175
Wickham C., 464
Wilcox S., 161
Wildschut H.I.J., 365, 479
Williams S.M., 39
Wilson C., 39
Wise P.H., 390
Worthington-Roberts B., 290
Yach D., 108
Zinober V., 240

Paediatric and Perinatal Epidemiology 1990, 4, 488–490

Paediatric and Perinatal Epidemiology

Subject Index to Volume 4

Abuse, sexual, 351
Accidents in childhood, 408
Aggression, 89
AIDS, 397
Alcohol consumption, 89, 290
Allergies, 89
Anaemia, 196
Anencephaly, 264
Anorectal malformations, 269
Antenatal care, 175
Anxiety, 89
Ascorbic acid, 436
Asphyxia, 367
Asthma, 89, 156
Attention, 89
Audiology, 89

Ballard gestational assessment, 133
Bed wetting, 53, 89
Behaviour, 89, 156
Belgium, 361
Binge drinking, 296, 297
Birthweight
  components of, 383
  low, 8, 161, 214
  time trends in, 374, 382
Bladder control, 53
Blood pressure, 89
Bone growth, 436
Brain damage, 13
Brazil, 205
Breast feeding, 89, 290
Bronchopulmonary dysplasia, 38
Burkitt's lymphoma, 303
Burns, 89

Calcium, 436
Cancer, childhood, 276, 303, 484
Cardiac defects, 151
Causal relationship, 364
Causes of perinatal death, 361
Chernobyl, 264
Child abuse, 351
Childhood cancer, 276, 303, 484
Clefts, 147
Club foot, 147
Clustering, 115
Cocaine, 380, 388, 396
Committees, 402
Congenital pigmented lesions, 448
Congenital malformations, 4, 147, 269
Controls, 1
Cough, 156
Cultural differences, 89

Delinquency, 89
Denmark, 269
Dentistry, 89
Depression, 89
Diarrhoea, 109, 156
Disability, 89, 406
Down's syndrome, 147
Dunedin Multidisciplinary Health and Development Study, 76

Eczema, 156
Energy, 436
Enuresis, 53, 89
Epidemiology, 1, 89, 479
Epilepsy, 260
Exercise, 161

Family fund, 64
Fatherhood, 247
Feto–infant mortality, 377
Fluoridation, 89
Fluorine, 436
Food intolerance, 156

Geographic variation, 269, 303, 369
Gestation, 123, 325
  accuracy of, 8, 133, 386
Growth chart, 340
Growth, 184, 470

Haemophilus influenzae, 458
Hay fever, 156
Headache, 156
Health education, 340
Hearing, 90
Height, 470
Hepatoblastoma, 276
HIV, 397
Hives, 156
Hodgkin's disease, 303
Hormones, 184
Hospitalisation, 89, 269
Housing, 16, 64
Hyperactivity, 90
Hypertension in pregnancy, 71
Hypospadias, 151

Immunisation, 90
Income, 212, 217
Inequalities, social, 480
Infant mortality, 215, 373
  and birthweight, 381
  causes, 216
  in siblings, 466
  international variation in, 377
  time trends in, 373
Infection, 15, 113, 458
Injuries, 90
International variation
  in infant mortality, 377
  in feto–infant mortality, 377
Intrauterine growth retardation—see IUGR
In-vitro fertilisation, 243
IQ, 90, 472
Iron, 436

Irritability, 156
Ischaemic heart disease, 464
IUGR, 8, 243
  causes of, 383

Landfill waste disposal, 484
Language, 90
Laterality, 90
Lead, 90
Learning disabilities, 90
Leukaemia, 113
Life events, 53
Liver disorders, 262, 276
Liver tumours, 276
Logistic regression, 22, 221
Lymphoma, 303

Malignant melanoma, 448
Maternal age, 115, 175
Maternal education, 175
Maternal work, 161
Medroxyprogesterone acetate, 184
Melanocytic naevi, 448
Menarche, 184
Meningitis, 458
Mental health, 90
Mental retardation, 90
Microcephalus, 147
Milwaukee project, 471
Minimal brain dysfunction, 90
Morbidity, 470
Motor development, 90
Myocardial infarction, 464

Neonatal care, 362
Neonatal intensive care
  access to, 394
Neonatal mortality, 381, 393
Neural tube defects, 151, 264
Neurology, 90
Neuropsychology, 90
Neurosis, 91
New Zealand, 39, 53, 76
Niacin, 436
Nutrition, 91

Obesity, 91
Obstetric care, 362

Pain, 406
Paternal depression, 248
Pelotas Birth Cohort Study, 205
Perinatal mortality, 215
  in siblings, 466
  in twins, 215
Personality, 89, 91
Perthes' disease, 64
Phosphorus, 436
Pneumonia, 110
Poisons, 91
Pollution, 484
  air, 111
Postneonatal mortality, 39, 217, 381
Poverty, 390
Preterm delivery, 161, 243, 325
  causes of 383
Prevention, 12, 363
Protein, 436

Race, 325
  and birthweight, 374, 382
  and infant mortality, 374
  and poverty, 391
  and SIDS, 175
Radiation, 264
Randomised control trial, 255, 365
Reading, 91
Religion, 116
Rhabdomyosarcoma, 276
Rhinitis, 156
Risk assessment, 39, 422
Roll over test, 71

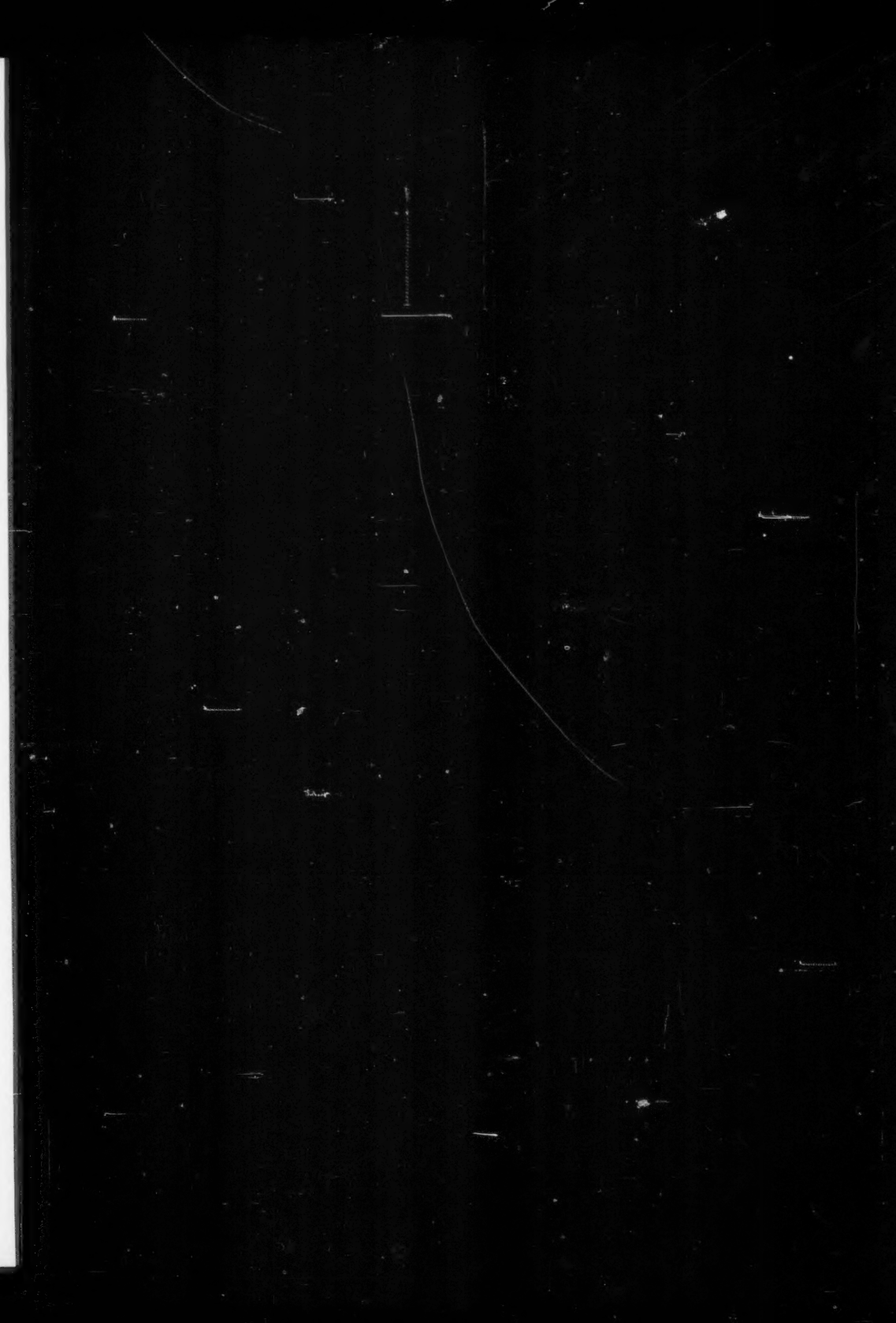
Scoring system, 39, 422
Season, 15
Self-esteem, 91
Sex differences, 16, 175
Sex preference, 249
SIDS, 12, 175, 325, 422, 476
Sleeping position, 17
Smoking, 91, 111
Smoking, maternal, 15, 91, 147, 214, 215, 290
Social conditions, 390
Social class, 64, 91, 466, 467
Society for Pediatric Epidemiologic Research, 261
Speech, 91
Statistics, 23, 221, 289
Stress, 53
Stroke, 464
Supplementation, 436
Survival, 4, 269, 271, 283

Terminology, 371
Thiamin, 436
Time trends
  in antenatal care, 393
  in birthweight, 374, 382, 395
  in infant mortality, 373, 395
  in neonatal mortality, 381, 393
  in postneonatal mortality, 381
  in poverty, 390
Turkey, 264
Twin, 16, 91, 114, 215, 243

Ultrasound fetoscopy, 8

Visual impairment, 91
Vitamin A, 436
VLBW (very low birthweight), 387

Weight, 470



Contents of Volume 4

Number 1

Editorial
Choice of controls 1

From our own correspondents
Fumes from the spleen 4
Malcontent

So what? Getting to know me 6
Jean Gaffin

For discussion
Ultrasound fetoscopy and intrauterine growth retardation: two misused fashionable ideas 8
Frank W. Oechsli

Preventing the sudden infant death syndrome 12
Richard L. Naeye

Methodology
Using logistic regression in perinatal epidemiology: an introduction for clinical researchers. Part 1: basic concepts 22
R. Brand and M.J.N.C. Keirse

Original articles
Prediction of possibly preventable death: a case-control study of postneonatal mortality in southern New Zealand 39
E.A.S. Nelson, S.M. Williams, B.J. Taylor, B. Morris, R.P.K. Ford, V.M. Binney and C. Wilson

Secondary enuresis in a birth cohort of New Zealand children 53
D.M. Fergusson, L.J. Horwood and F.T. Shannon

The social origins of Perthes' disease of the hip 64
A.J. Hall, D.J.P. Barker and D. Lawton

The roll over test is not of value in predicting pregnancy induced hypertension 71
K. Mahomed and O.O. Lasiende

Review
The Dunedin Multidisciplinary Health and Development Study: a 15 year longitudinal study 76
Phil A. Silva

The conference scene
International Scientific Conference on Epidemiology, Beijing, China, 24–26 April 1989 108
Derek Yach and Yasmin von Schirnding

Hypothesis
Further evidence for the hypothesis that one cause of childhood leukaemia is infection 113
William H. James

Federation of European Paediatric Research Societies. List of meetings 118

Book reviews 21, 38

Society for Pediatric Epidemiologic Research A1

Number 2

Invited annotation
Definitions used in relation to gestational age 123
Marion H. Hall

From our own correspondents
Fumes from the spleen 129
Malcontent

So what? Playing the patient game 131
Jean Gaffin

Original articles
Factors influencing the relationship between a newborn assessment of gestational maturity and the gestational age interval 133
Greg R. Alexander, Thomas C. Hulsey, Vincent L. Smeriglio, Marilee Comfort and Abner Levkoff

A case-control study of maternal smoking and congenital malformations 147
Stephen K. Van Den Eeden, Margaret R. Karagas, Janet R. Daling and Thomas L. Vaughan

Associations of excessive irritability with common illnesses and food intolerance 156
Charles E. Price, Roberto J. Rona and Susan Chinn

Work-related physical exertion and risk of preterm, low birthweight delivery 161
Charles J. Homer, Shirley, A.A. Beresford, Sherman A. James, Earl Siegel and Steven Wilcox

Sudden unexplained infant deaths among American Indians and Whites in North and South Dakota 175
Nina Oyen, Marc Bulterys, Thomas K. Welty and Jess F. Kraus

Health, growth and sexual development of teenagers exposed *in utero* to medroxyprogesterone acetate 184
B. Jaffe, D. Shye, S. Harlap, M. Baras, E. Belmaker, L. Gordon, S. Magidor and J. Fortney

Anaemia during pregnancy as a risk factor for infant iron deficiency: report from the Valencia Infant Anaemia Cohort (VIAC) study 196
Julia Colomer, Concepción Colomer, Dolores Gutierrez, Angeles Jubert Andrés Nolasco, Joaquin Donat, Rafael Fernandez-Delgado, Francisco Donat and Carlos Alvarez-Dardet

Review
The Pelotas (Brazil) Birth Cohort Study 1982–1987: strategies for following up 6 000 children in a developing country 205
Fernando C. Barros, Cesar G. Victora and J. Patrick Vaughan

Methodology
Using logistic regression in perinatal epidemiology: an introduction for clinical researchers. Part 2: the logistic regression equation 221
R. Brand

Book reviews 236

Correspondence
In-vitro fertilisation and intra-uterine growth retardation 243
Claudio Fabris, Domenico Licata, Ettore Garzena, Michael Mostert and Silvio Ferraris

Announcements 146, 155, 160, 174

Number 3

Invited annotation
Turning towards the father 247
Thalia Dragonas

From our own correspondents
Fumes from the spleen 255
Malcontent

So what? The prophet in his own home 258
Jean Gaffin

The conference scene
The Society for Pediatric Epidemiologic Research: Second Annual Meeting, Birmingham, Alabama, 13 June 1989 261
Nigel Paneth

Liver disorders in childhood 262
J. W. Keeling

Original articles
Changing incidence of anencephaly in the eastern Black Sea region of Turkey and Chernobyl 264
Hilal Mocan, Hasan Bozkaya, Mehmet Ziya Mocan and Engin Mazlum Furtun

An epidemiological study of congenital anorectal malformations: 15 Danish birth cohorts followed for 7 years 269
Kaare Christensen, Carl M. Madsen, Mogens Hauge and Kirsten Kock

Malignant hepatic tumours in children: incidence, clinical features and aetiology 276
J.R. Mann, N. Kasthuri, F. Raafat, J.R. Pincott, S.E. Parkes, K.R. Muir, L.C. Ingram and A.H. Cameron

Drinking and smoking at 3 months postpartum by lactation history 290
Ruth E. Little, M. Dow Lambert and Bonnie Worthington-Roberts

International variations in the incidence of childhood lymphomas 303
C.A. Stiller and D.M. Parkin

Are race and length of gestation related to age at death in the sudden infant death syndrome? 325
Melissa M. Adams, Philip H. Rhodes and Brian J. McCarthy

The growth chart—a road to health chart? Maternal comprehension of the growth chart in two Somali villages 340
Abdulaziz Sharif Aden, Inger Brännström, Kadigia Ali Mohamud, Lars Åke Persson and Stig Wall

Review
Methodological considerations in research on child sexual abuse 351
Angela Plunkett and R. Kim Oates

Book reviews 260, 289, 361

Correspondence
How rare is rare? 371
M.A. Kibel and M. Power

Number 4

For discussion

The slowdown in the infant mortality decline 373
Joel C. Kleinman

Birthweight and infant mortality: perceptions and pitfalls 381
Michael S. Kramer

Poverty, technology and recent trends in the United States infant mortality rate 390
Paul H. Wise

From our own correspondents

Fumes from the spleen 402
Malcontent

A reply to Malcontent 404
William B. Weil Jr

So what? Last of a dying breed 406
Jean Gaffin

Original articles

Home accidents to children under 2 years of age 408
A. Tursz, N. Lelong and M. Crost

The development of a model for predicting infants at high risk of sudden infant death syndrome in Tasmania 422
Edouard T. d'Espaignet, Terence Dwyer, Neville M. Newman, Anne-Louise Ponsonby and Steven G. Candy

Maternal supplementation and bone growth in infancy 436
John H. Himes, Laura E. Caulfield, Reynaldo Martorell and Hernán Delgado

The prevalence and characteristics of congenital pigmented lesions in newborn babies in Oxford 448
B.D. Goss, D. Forman, P.E. Ansell, V. Bennett, A.J. Swerdlow, S. Burge and T.J. Ryan

Invasive *Haemophilus influenzae* infections among children in Rochester, Minnesota: a population-based study 458
H.A. Guess, S.J. Trippel, E.H. Corder, D.D. Broughton and L.J. Melton III

Childhood risk factors for ischaemic heart disease and stroke 464
David Coggon, Barrie Margetts, David J.P. Barker, Peter H.M. Carson, Jonathan S. Mann, Keith G. Oldroyd and Carol Wickham

Book reviews 421, 470

Correspondence

Landfill waste disposal: an environmental cause of childhood cancer? 484
K.R. Muir, J.P. Hill, S.E. Parkes, A.H. Cameron and J.R. Mann

Announcements 401, 407

Author index 486

Subject index 488

Society for Pediatric Epidemiologic Research A13–A25